THANK YOU

For additional support & information, visit www.redux.com

530-0016 vl.0
Instruction for use for 900-DB11-0-LL-EN-UNIV

REDUX

DryBUDDY™

www.redux.com

USER MANUAL

Welcome to the DryBUDDY™ experience!

DryBUDDY™ is designed to protect what matters most: your devices. Our innovative, heat-free drying system uses advanced Electronic Rice™ technology to safely remove moisture from phones, hearing aids, earbuds, and other delicate electronics.

We combine smart sensors, reusable materials, and precision engineering to make moisture recovery simple, fast, and reliable.

Please read this manual carefully before first use and keep it for future reference. Your feedback helps us improve every detail. For support or comments, contact us at support@redux.com.

Protect. Reactivate. Reuse.

— The DryBUDDY™ Team —

DESIGNED AND ENGINEERED IN THE USA

Product Overview

DryBUDDY™ is a portable, heat-free moisture-removal system designed to rescue and protect small electronic devices such as smartphones, hearing aids, earbuds, cochlear implants, and other hearables. It uses Electronic Rice™ desiccant beads to gently absorb moisture without heat. The built-in monitoring system tracks drying progress. It also indicates when reactivation is required, ensuring reliable, reusable performance. Keep DryBUDDY™ sealed in its Mylar Dry Bag when not in use so it does not continue absorbing ambient moisture.

Warnings & Precautions

INGESTION HAZARD • DEATH or serious injury can occur • A swallowed button cell or coin battery can cause internal chemical burns in as little as 2 hours • KEEP new and used batteries OUT OF REACH OF CHILDREN • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body • For treatment information call: National Battery Ingestion Hotline, 1-800-498-8666 • Keep in original package until ready to use • Immediately dispose of used batteries and keep away from children • Do NOT dispose of batteries in household trash • Product should not be disassembled • Contains Silica Gel Desiccant • Choking Hazard — DO NOT EAT

Safety Information

Read all safety information before use. Failure to follow these instructions may result in injury or damage.

Electrical & Fire Safety

- Do not immerse DryBUDDY™, the USB-C cable, or reactivation sleeve in water.
- Do not disassemble; no user-serviceable parts.
- Only use the USB cable that came with your device and a 5V, minimum 10W output USB block.

Heat & Handling Safety

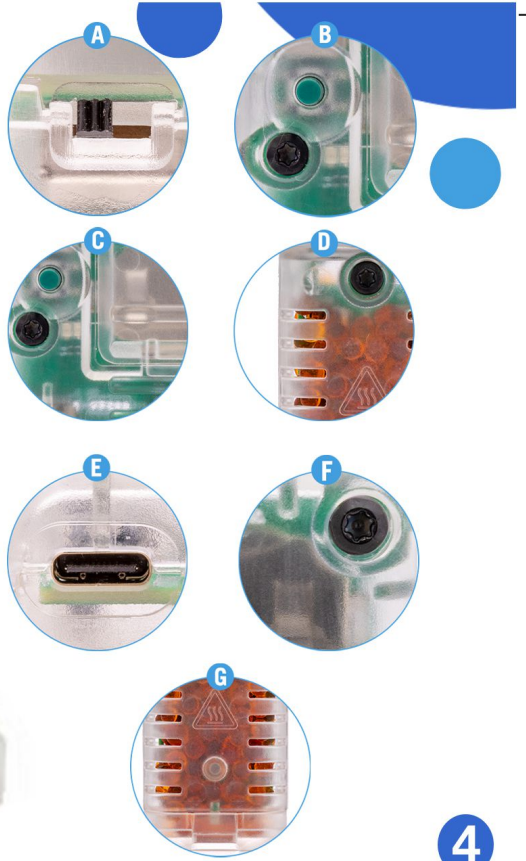
- The reactivation sleeve and Electronic Rice™ may become hot during reactivation. Allow them to cool before handling. Wait 10 minutes after reactivation is complete before touching or moving the unit.
- Make sure the DryBUDDY™'s moisture absorption slots are not blocked or completely covered when placed inside the Mylar bag.
  If the moisture absorption slots are obstructed, the device cannot effectively remove moisture.

Electromagnetic Considerations

- The reactivation sleeve contains a small magnet. While it poses no known electromagnetic interference risk, avoid placing near sensitive medical or magnetic equipment (e.g., pacemakers, MRI machines) as a precaution.

Keep for Reference

- Retain this manual for future use. Do not discard. It includes detailed instructions and troubleshooting information.



Product Components

Component	Label	Description
Power Switch	A	Slide the ON/OFF switch to power DryBUDDY™ on or off.
Green Start Button	B	Press to begin the monitoring process when the Power Switch is ON.
LED Indicator	C	Dual-color LED (green/red) displays drying and reactivation status. See LED Indicator Guide, page 8.
Electronic Rice™ Chamber	D	Contains the moisture-absorbing Electronic Rice™ beads. These beads are sealed within the chamber and can be reactivated when saturated.
USB-C Port	E	External power input used exclusively for reactivating the Electronic Rice™ beads.
Battery Compartment	F	Holds one CR2032 coin cell battery secured behind a screw-lock cover. The battery powers DryBUDDY™'s monitoring function.
Moisture Absorption Slots	G	Vents located on the bottom of the device. Do not block or cover these openings during operation.
Reactivation Sleeve	H	Special sleeve that fits over the DryBUDDY™ during reactivation to restore the Electronic Rice™ beads.

What's in the Box

DryBUDDY™ Unit
- Reactivation Sleeve
- USB-C Cable
- USB-C to USB-A Adapter
- Redux™Mylar Dry Bag
- User Manual
- Quick Start Guide

Power On

Slide the **Power Switch** to **ON**, then press the **Green Start Button** to begin the monitoring process before placing DryBUDDY™ into the Mylar Dry Bag.

Load Devices

Place your wet devices (phones, earbuds, hearing aids, etc.) into the Redux™ Mylar Dry Bag along with DryBUDDY™. Do not overfill Mayler bag items should rest loosely around the unit.

Seal and Monitor

Seal the Mylar Bag completely. The **green LED** will blink to indicate active monitoring of moisture removal.

LED Indicator Guide

State	Green LED	Red LED	Meaning / Action
Monitoring	Blinking	OFF	DryBUDDY™ is actively monitoring moisture levels inside the Mylar bag. A typical drying cycle lasts up to 3–6 hours, depending on the amount of moisture present . The unit automatically goes to sleep off after 20 hours.
Dry Complete	Solid ON	OFF	The monitored devices are dry. The green LED remains ON for several hours after completion, then turns off automatically. Remove your devices and slide the Power Switch to OFF as the DryBUDDY™ goes to sleep to save battery life.
Sleep	OFF	OFF	If the switch is left ON and both lights are off, the DryBUDDY™ has gone to sleep. Slide the Power Switch to OFF to fully power.down and conserve the CR2032 battery.
Reactivation Required	OFF	Solid ON	The Electronic Rice™ beads are saturated and cannot absorb any more moisture. Reactivation is required before the next use. Follow the Reactivation Procedure on page 9.
Reactivation (in sleeve)	OFF	Blinking	The Electronic Rice™ beads are reactivating inside the Reactivation Sleeve. This process takes approximately 3 hours.
Reactivation Complete	Solid ON	OFF	The reactivation process is complete. The Electronic Rice™ beads are fully refreshed and ready for use. Allow 10 minutes of cooling before removing the DryBUDDY™.
Sensor Fault	Solid ON	Solid ON	Turn power switch OFF, wait 10 seconds, then power ON again. If the issue persists, contact Redux™ Support at support@redux.com.

Initial Setup

Power Source

- **Battery:** A CR2032 coin cell battery comes pre-installed. It powers the monitoring function during use inside the Mylar Dry Bag.
- **USB-C Power:** Plug the supplied USB-C cable into the port (E) and a standard USB 5V adapter or USB port. USB-C power does not rechargethe CR2032 battery it is only used for reactivation.

Electronic Rice™

When new or freshly reactivated, the Electronic Rice™ beads appear bright orange. As they absorb moisture, they gradually darken indicating it's time for reactivation.

Starting a Dry Cycle

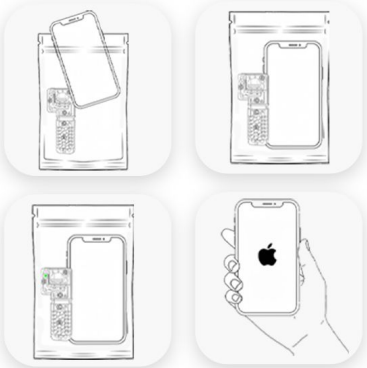
Follow these steps carefully to ensure optimal drying performance.

Power On DryBUDDY™

- Slide the Power Switch to ON, then press the Green Start Button to activate the monitoring process before placing it inside the Mylar Dry Bag. DryBUDDY™ uses Electronic Rice™ and will always absorb moisture. It is important to keep DryBUDDY™ in its Mylar bag, or other airtight packaging.

Insert Devices

- Place your wet electronic devices such as phones, earbuds (e.g., AirPods), or hearing aids inside the Mylar Dry Bag along with the powered-on DryBUDDY™ unit.
- Ensure your devices are powered OFF before sealing the bag.



Check the Seal

- Close the Mylar Dry Bag securely. A blinking green LED indicates thatmonitoring has started successfully.

Drying Process

- Typical drying time is 3–6 hours, depending on the size of the device and the amount of moisture present. When drying is complete, the green LED will turn solid and remain lit for several hours before automatically turning off as the DryBUDDY™goes to sleep. After drying, turn the Power Switch OFFand keep DryBUDDY™ inside the sealed Mylar Bag to prevent unnecessary moisture absorption.

Reactivation Needed

- If a solid red LED appears, it means the Electronic Rice™ beads are saturated and cannot absorb any more moisture.
- Follow the Reactivation Procedure (see page 9) to restore full drying capacity before next use.

Completing the Dry Cycle

Automatic Stop

- DryBUDDY™ stops monitoring automatically once moisture removal is complete—or after **20 hours**, whichever comes first.
- A typical drying cycle lasts **3–6 hours**, depending on humidity and device moisture levels.

Dry Complete Indicator

- When drying is complete, the **green LED** turns solid for several hours, then turns off automatically.This indicates that DryBUDDY™ no longer detects moisture and your devices are safe to use.
- After use, slide the **Power Switch** to **OFF** to conserve battery life.

Remove Devices

- Once the green LED is solid or turns off, remove your devices from the Mylar Bag.

Storage Tip

- After every use, reseal DryBUDDY™ inside the Mylar Dry Bag to prevent it from absorbing ambient moisture.

Electronic Rice™ Health

Reactivation Required Alert

- If the red LED turns solid ON during operation or at startup, the Electronic Rice™ beads are saturated and must be reactivated.
- The beads will also appear dark orange or brown, indicating full moisture absorption.
- To restore performance, turn the Power Switch OFF and follow the Reactivation Procedure section before your next use.

When to Reactivate

- Always reactivate before your next drying cycle to ensure full moisture-absorption performance.

How to Reactivate

- Slide the Power Switch to OFF.
- Plug the supplied USB-C cable into the port and connect it to a standard 5V USB adapter.
- Insert DryBUDDY™ fully into the Reactivation Sleeve.

- The Red LED will blink during the reactiviting process.
- Keep DryBUDDY™ connected for approximately 3 hours while the reactivation process completes.
- When the green LED turns ON, reactivation is complete.
- Allow DryBUDDY™ to cool for at least 10 minutes before handling or using again.
- Store DryBUDDY™ in the sealed Mylar Dry Bag when not in use to prevent unwanted moisture absorption.

Troubleshooting

Problem	Possible Cause	Solution
Device won't power on	Dead/missing CR2032	Replace battery and restart.
Red LED solid	Beads saturated	Perform Reactivation Procedure.
Both LEDs solid	Sensor fault	Power OFF, wait 10seconds, restart.

Cleaning & Maintenance

- Turn OFF and disconnect USB-C before cleaning.
- Wipe exterior with a dry cloth.
- Do not use liquids or abrasive materials.
- Store sealed in Mylar Bag.

Battery Handling & Replacement

The DryBUDDY™ is powered by a single CR2032 coin cell battery, which supports the monitoring function during use. The battery is not rechargeable.

When to Replace the Battery

- Replace the battery if DryBUDDY™ does not power ON or the LEDs fail to illuminate when switched ON.
- Always turn OFF the unit when not in use to conserve battery life.

How to Replace the Battery

- **Turn Power OFF:** Slide the Power Switch to OFF before replacing the battery.
- **Locate the Battery Compartment:** The battery compartment is located on the front of the DryBUDDY™.
- **Remove Screw:** Use a small Phillips screwdriver to remove the upper-right screw securing the battery door. Do not remove any other screws.
- **Replace Battery:** Remove the old CR2032 coin cell and insert a new one, positive (+) side facing up.
- **Secure Battery Door:** Reattach the door and tighten the screw gently. Do not overtighten.
- **Test the Unit:** Slide the Power Switch to ON to confirm the LEDs light up correctly.

Disposal & Recycling

- Do not dispose of DryBUDDY™ or its accessories with household waste.
- Take the DryBUDDY™, reactivation sleeve, and USB-C cable to an approved e-waste recycling center for proper disposal.

Battery

- Remove the CR2032 coin cell battery before disposing of DryBUDDY™.
- Dispose of used batteries separately at a certified battery collection or recycling facility, following local regulations.

Warranty & Service

Your DryBUDDY™ is covered by a 12-month limited warranty from the date of purchase.

Coverage

Covers defects in materials and workmanship under normal consumer use.

Exclusions

Does not cover damage resulting from misuse, unauthorized repairs, disassembly, or use of non-approved accessories.

How to Obtain Support

1. Keep proof of purchase (such as a receipt).
2. Contact **Redux™ Support at support@redux.com** for assistance.
3. Follow the instructions provided by the Support Team for warranty or service requests.

Condition	Specification
Operating Temperature	Operates between **5° C** and **40° C (41° F to 104° F).**
Reactivation Temperature	Internal components of the DryBUDDY™ may reach **220° F (104° C)** during reactivation. The exterior surface Of the reactivation sleeve may reach up to 140 degrees F (60 degrees Celsius) but remains safe to handle when inside the insulated sleeve.
Storage Temperature	Store between **–20° C** and **60° C (–4° F to 140° F)** in a dry environment.
Operating Humidity	Functions effectively in non-condensing environments with **0–90%** relative humidity.

Manufacturer Information

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Patent Info:

U.S. Patent Nos. 12,215,925; 12,276,454; 12,281,847.
Additional U.S. & international patents pending.